

Claims

WHAT IS CLAIMED IS:

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1. Separate paper for a process comprising a substrate and a separate layer formed in at least one side of the substrate, wherein a surface of said separate layer has polygonal shaped figures which in a surface view comprise a combination of a repeated hills-and-valleys pattern of said separate layer, and at least one side of each said polygons is set so as to be at an acute angle to the direction of applying a synthetic resin paste for forming synthetic leather on said separate layer.
 2. The separate paper for a process according to claim 1, wherein said polygonal shaped figures which are as the combination thereof a surface view of the repeated hills-and-valleys pattern of the separate layer are $(2 + 2n)$ -gonal shaped figures (wherein n denotes a natural number), and wherein at least one diagonal line of each said polygon is parallel to the application direction of the synthetic resin paste for forming synthetic leather on said separate layer.
 3. The separate paper for a process according to claim 1, wherein said polygonal shaped figures which are a combination thereof a surface view of the repeated hills-and-valleys pattern of the separate layer are $(1 + 2n)$ -gonal shaped figures (wherein n denotes a natural

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cont. → (number), and each possesses an axial symmetry with the symmetric axis which has an apex of the polygon, and said symmetric axis is parallel to the application direction of the synthetic resin paste for forming synthetic leather on the separate layer and the apex is positioned at the application starting-side in the polygon.

4. The separate paper for a process according to claim 1, wherein said separate layer has a combination of polygons enumerated in claims 2 and 3.

5. Separate paper for a process comprising a substrate and a separate layer formed in at least one side of the substrate, wherein a surface of said separate layer has a combination of closed-outline figures which is a surface view of a repeated hills-and-valleys pattern of the separate layer, wherein a curved-line portion of said closed-outline figure is an out-curved convex curve and crosses the application direction of the synthetic resin paste for forming synthetic leather on the separate layer.

6. Separate paper for a process comprising a substrate and a separate layer formed in at least one side of the substrate, wherein the side faces of each valley part in hills-and-valleys pattern of the separate layer are at an angle of 30 degrees or higher to the perpendicular line of the substrate.

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7. Separate paper for a process comprising a substrate and a separate layer formed in at least one side of the substrate, wherein the side faces of each valley part in hills-and-valleys pattern of the separate layer are at an angle of 0 degrees or higher to the perpendicular line of the substrate and wherein the crossing portions of the side faces and a bottom face in the valley part are radiused.

8. The separate paper for a process according to claim 7, wherein radiused portions have 50 μm or longer radius.

9. The separate paper for a process according to any one of claims 6 to 8, wherein a surface of said separate layer has polygonal shaped figures which are as a combination thereof a surface view of a repeated hills-and-valleys pattern of said separate layer, and at least one side of each said polygon is set so as to be at an acute angle to the direction of applying a synthetic resin paste for forming synthetic leather on said separate layer.

10. The separate paper for a process according to any one of claims 6 to 8, wherein a surface of said separate layer has a combination of closed-outline figures which is a surface view of a repeated hills-and-valleys pattern of the separate layer, wherein a curved-line portion of said closed-outline figure is an out-curved convex curve and crosses the application direction of the synthetic

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cont.* resin paste for forming synthetic leather on the separate layer.

11. The separate paper for a process according to any one of claims 1 to 10, wherein a plane portion of the surface of said separate layer is a finely roughened face having an arithmetical mean roughness Ra of 1.5 to 30.0 μm .

12. The separate paper for a process according to claim 11, wherein the figures or the hills-and-valleys pattern of the separate layer have a Ry of 10.0 to 100.0 μm .